

AMENDMENT TO THE CLAIMS

1. (Original) A method of integrating characterization information associated with a target image for use with a color reproduction device comprising:
 - obtaining a measurement store having an entry corresponding to a color patch of a target image, the entry comprising a color value of the color patch;
 - updating the entry in the measurement store to include spatial information of the color patch in the target image;
 - obtaining a measurement of the color patch in the target image; and
 - updating the entry in the measurement store to include the measurement.
2. (Original) A method according to Claim 1, wherein the measurement store is an ASCII data file.
3. (Original) A method according to Claim 2, wherein the data file is an IT8-formatted data file.
4. (Original) A method according to Claim 1, wherein the spatial information comprises a location of the color patch in the target image.
5. (Original) A method according to Claim 1, wherein the spatial information comprises color patch size information.

6. (Original) A method according to Claim 1, wherein the color reproduction device is an input device, the method further comprising:

- obtaining a digital copy of the target image using the input device; and
- retrieving a control signal corresponding to a detected color of the color patch in the target image;
- updating the entry in the measurement store to include the control signal.

7. (Original) A method according to Claim 6, wherein updating the entry in the measurement store to include the control signal further comprising:

- replacing the color value in the measurement store with the control signal.

8. (Original) A method according to Claim 6, wherein updating the entry in the measurement store to include the control signal further comprising:

- adding an input signal component to the entry which comprises the control signal.

9. (Original) A method according to Claim 1, wherein the color reproduction device is a printer, obtaining a measurement of a color patch reproduced by the printer further comprising:

- printing the color patch using the printer and the color value of the entry in the measurement store; and
- measuring a printed color corresponding to the color patch.

10. (Original) A method according to Claim 1, wherein the color reproduction device is a monitor, obtaining a measurement of a color patch reproduced by the monitor further comprising:

displaying the color patch on the monitor using the color value of the entry in the measurement store; and

measuring a displayed color corresponding to the color patch.

11. (Currently Amended) ~~A method according to Claim 1, wherein the method further comprising:~~ A method of integrating characterization information associated with a target image for use with a color reproduction device comprising:

obtaining a measurement store having an entry corresponding to a color patch of a target image, the entry comprising a color value of the color patch;

updating the entry in the measurement store to include spatial information of the color patch in the target image;

obtaining a measurement of the color patch in the target image;

updating the entry in the measurement store to include the measurement;

and

identifying a measurement status using the measurement store.

12. (Original) A method according to Claim 11, wherein an entry format includes a color value component, a spatial component and a measurement component, identifying a measurement status further comprising:

examining the measurement store to determine whether the entry is missing data in at least one of the components.

13. (Original) A method according to Claim 12, wherein examining the measurement store to determine whether the entry is missing data further comprising:

determining whether the entry includes a placeholder representing the missing data.

14. (Original) A method according to Claim 13, wherein the placeholder is a non-numeric placeholder.

15. (Original) A method according to Claim 12, wherein the method further comprising:

initiating measurement at a point of updating the measurement store to include spatial information, if the entry's spatial component is missing all or some portion.

16. (Original) A method according to Claim 12, wherein the method further comprising:

obtaining a measurement of the color patch, if the measurement component is missing all or some portion.

17. (Cancelled)

18. (Currently Amended) ~~A method according to Claim 17, wherein~~
~~generating the color patch in the target image further comprising: A method of integrating~~
~~characterization information associated with a target image for use with a color~~
~~reproduction device comprising:~~

~~obtaining a measurement store having an entry corresponding to a color~~
~~patch of a target image, the entry comprising a color value of the color patch;~~

~~updating the entry in the measurement store to include spatial information~~
~~of the color patch in the target image;~~

~~obtaining a measurement of the color patch in the target image;~~

~~updating the entry in the measurement store to include the measurement;~~

~~generating the color patch in the target image using the color value of the~~
~~entry in the measurement store, wherein updating the measurement store is updated to~~
~~include target dimension information.~~

19. (Original) A method according to Claim 1, wherein the method
further comprising:

generating the target image using the color value to provide input to the
output color device.

20. (Original) A method according to Claim 1, wherein the method
further comprising:

characterizing the color reproduction device using the measurement store.

21. (Original) A computer-readable medium which stores computer-executable process steps for integrating characterization information associated with a target image for use with a color reproduction device, the computer-readable process steps comprising:

an obtaining step to obtain a measurement store having an entry corresponding to a color patch of a target image, the entry comprising a color value of the color patch;

an updating step to update the entry in the measurement store to include spatial information of the color patch in the target image;

an obtaining step to obtain a measurement of the color patch in the target image; and

an updating step to update the entry in the measurement store to include the measurement.

22. (Original) A computer-readable medium according to Claim 21, wherein the measurement store is an ASCII data file.

23. (Original) A computer-readable medium according to Claim 22, wherein the data file is an IT8-formatted data file.

24. (Original) A computer-readable medium according to Claim 21, wherein the spatial information comprises a location of the color patch in the target image.

25. (Original) A computer-readable medium according to Claim 21, wherein the spatial information comprises color patch size information.

26. (Original) A computer-readable medium according to Claim 21, wherein the color reproduction device is an input device, the computer-executable process steps further comprising:

an obtaining step to obtain a digital copy of the target image using the input device; and

a retrieving step to retrieve a control signal corresponding to a detected color of the color patch in the target image;

an updating step to update the entry in the measurement store to include the control signal.

27. (Original) A computer-readable medium according to Claim 26, wherein the updating step to update the entry in the measurement store to include the control signal further comprising:

a replacing step to replace the color value in the measurement store with the control signal.

28. (Original) A computer-readable medium according to Claim 26 wherein the updating step to update the entry in the measurement store to include the control signal further comprising:

an adding step to add an input signal component to the entry which comprises the control signal.

29. (Original) A computer-readable medium according to Claim 21 wherein the color reproduction device is a printer, the obtaining step to obtain a measurement of a color patch reproduced by the printer further comprising:

- a printing step to print the color patch using the printer and the color value of the entry in the measurement store; and
- a measuring step to measure a printed color corresponding to the color patch.

30. (Original) A computer-readable medium according to Claim 21 wherein the color reproduction device is a monitor, the obtaining step to obtain a measurement of a color patch reproduced by the monitor further comprising:

- a displaying step to display the color patch on the monitor using the color value of the entry in the measurement store; and
- a measuring step to measure a displayed color corresponding to the color patch.

31. (Currently Amended) ~~A computer-readable medium according to Claim 21, wherein the computer-executable process steps further comprising A~~
computer-readable medium which stores computer-executable process steps for integrating

characterization information associated with a target image for use with a color reproduction device, the computer-readable process steps comprising:

an obtaining step to obtain a measurement store having an entry corresponding to a color patch of a target image, the entry comprising a color value of the color patch;

an updating step to update the entry in the measurement store to include spatial information of the color patch in the target image;

an obtaining step to obtain a measurement of the color patch in the target image;

an updating step to update the entry in the measurement store to include the measurement; and

an identifying step to identify a measurement status using the measurement store.

32. (Original) A computer-readable medium according to Claim 31, wherein an entry format includes a color value component, a spatial component and a measurement component, the identifying step to identify a measurement status further comprising:

an examining step to examine the measurement store to determine whether the entry is missing data in at least one of the components.

33. (Original) A computer-readable medium according to Claim 32,

wherein the examining step to examine the measurement store to determine whether the entry is missing data further comprising:

a determining step to determine whether the entry includes a placeholder representing the missing data.

34. (Original) A computer-readable medium according to Claim 33, wherein the placeholder is a non-numeric placeholder.

35. (Original) A computer-readable medium according to Claim 32, wherein the computer-executable process steps further comprising:

an initiating step to initiate measurement at a point of updating the measurement store to include spatial information, if the entry's spatial component is missing all or some portion.

36. (Original) A computer-readable medium according to Claim 32, wherein the computer-executable process steps further comprising:

an obtaining step to obtain a measurement of the color patch, if the measurement component is missing all or some portion.

37. (Cancelled)

38. (Currently Amended) ~~A computer-readable medium according to~~

~~Claim 37, wherein the generating step to generate the color patch in the target image further comprising: A computer-readable medium which stores computer-executable process steps for integrating characterization information associated with a target image for use with a color reproduction device, the computer-readable process steps comprising:~~

~~an obtaining step to obtain a measurement store having an entry corresponding to a color patch of a target image, the entry comprising a color value of the color patch;~~

~~an updating step to update the entry in the measurement store to include spatial information of the color patch in the target image;~~

~~an obtaining step to obtain a measurement of the color patch in the target image;~~

~~a generating step to generate the color patch in the target image using the color value of the entry in the measurement store. and~~

~~an updating-step to update the entry in the measurement store to include the measurement, wherein an updating step to update the measurement store is updated to include target dimension information.~~

39. (Original) A computer-readable medium according to Claim 21, wherein the computer-executable process steps further comprising:

a generating step to generate the target image using the color value to provide input to the output color device.

40. (Original) A computer-readable medium according to Claim 21, wherein the computer-executable process steps further comprising:
a characterizing step to characterize the color reproduction device using the measurement store.

41. (Original) A memory for integrating characterization information associated with a target image for use with a color reproduction device, the memory comprising:

a color component comprising a color value representing a color patch of a target image;

a spatial component, the spatial component comprising position information of the color patch in the target image generated using the color value; and

a measurement component, the measurement component representing a measurement of the color patch.

42. (Original) A memory according to Claim 41, wherein the memory is an ASCII data file.

43. (Original) A memory according to Claim 42, wherein the data file is an IT8-formatted data file.

44. (Original) A memory according to Claim 41, wherein the spatial

component includes a location of the color patch in the target image.

45. (Original) A memory according to Claim 41, wherein the spatial component includes color patch size information.

46. (Currently Amended) ~~A memory according to Claim 41~~ A memory for integrating characterization information associated with a target image for use with a color reproduction device, the memory comprising:

a color component comprising a color value representing a color patch of a target image;

a spatial component, the spatial component comprising position information of the color patch in the target image generated using the color value; and

a measurement component, the measurement component representing a measurement of the color patch; wherein a placeholder is usable in the spatial and measurement components to identify missing data.

47. (Original) A memory according to Claim 46, wherein the placeholder is a non-numeric placeholder.

48. (Original) A memory according to Claim 41, wherein the memory further comprising a format structure including format information of said memory.

49. (Original) A memory according to Claim 48, wherein the format information comprises at least one position tag identifying a data type of an element in the spatial component.

50. (Original) A memory according to Claim 48, wherein the format information includes dimension information of the target image.

51. (Original) A memory according to Claim 48, wherein the format information includes a uniform sizing of color patches in the target image.

52. (Original) A memory according to Claim 48, wherein the format information includes a unit of measure of elements in the spatial component.

53. (Original) A memory according to Claim 41, wherein the memory further comprising:

a signal component comprising a control signal representing a detected color of the color patch.

54. (Original) A memory according to Claim 53, wherein the signal component is stored in place of the color component.